

A Study of the Regeneration of the Skin in Mice
During Chemical Carcinogenesis, by Yu. A. Morozov,
3 pp.

RUSSIAN, per Dokl Ak Nauk SSSR, Vol CXXXIV, No 6,
1960, pp 1494-1496.

AIBS

Sci

Aug 61

163,622

A Comparative Description of Growth of the Digestive
Organs in Embryos From Different Breeds of Sheep,
by L. V. Davletova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 137, no. 6,
1960, pp 1497-1500.

ADDS

Sci

Aug 61

163,619

An Endemic Disease of Salmonids in Sakhalin Island,
by Y. A. Bogdanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 6,
1960, pp 1501-1503.

AIBS

OTS 63-1512

Sci

Aug 61

163,633

The Motion of a Piston in a Conducting Medium,
by V. V. Gogosov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp 30-32.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,314

An Accurate Solution of the Three-Dimensional
Equations for a Nonsteady Gas-Flow of the Double
Wave Type, by L. V. Komarovskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp 33-35.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,315

The Equations of the Dynamics of a Compressible
Plastic Medium, by M. I. Yestrin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp 36-39.

AIP
Sov Phys -- Dok
Vol V, No 6

Sci

Jun 61

158,405

Construction of Asymptotic Expansions for Weak
Interaction From the Formal Thermodynamic
Perturbation Theory in a Modified Formulation of
the Problem of a Nonideal Bose-Einstein System,
by V. V. Tolmachev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp 41-44.

AIP
Sov Phys .. Dok
Vol V, No 6

Sci
Jun 61

156,321

The Growth of Metal Single Crystals Under High
Hydrostatic Pressure, by L. P. Vereshchagin, Yu. N.
Ryabinin, A. Ya. Preobrazhenskiy, et al, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp 45-47.

INDF 7-154-01-175-11
AIP

Sov Phys - Dok
Vol V, No 6

SLA-61-22103

156,328

Sci

Jun 61

(DC-5598)

Relationship Between Charged Particle Measurements
by Soviet Cosmic Rockets and Magnetic Field
Measurements by Explorer VI and Pioneer V,
by K. I. Gringauz, S. M. Rytov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 1, Nov/Dec, pp 48-51.

JPRS 8224

Sci - Space Res

AIP

153,564

Jun 61

The Fine Structure of the Energy Spectrum of the
Photoprotons in the Levels of the Li^6 Nucleus, by
A. P. Komar, E. D. Makhnovskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp 52-54.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

Photoeffect for Metallic Cathodes in the
Wavelength Region From 1.39 to 13.3 A., by
M. A. Rumsh, A. P. Lukirskiy, V. N. Shchemelev
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1
1960, pp 55-57.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,327

Methods of Calculating Internal Stress in Polymer and
Lacquer Coatings, by A. T. Sanzharovskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. XXXV, No 1,
1960, pp 58-60.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

158,398

A Possible Mechanism for the Formation of Slip Lines
in the Absence of Localized Sources of Dislocations,
by E. D. Shchukin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp 61-64.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

158, 399

Volarovich, M. P. and Bayuk, V. I.
EFFECT OF UNIFORM PRESSURES UP TO 4000
kg/cm² ON THE ELASTIC PROPERTIES OF ROCK
SAMPLES. [1961] 5p. 6 refs.
Order from OTS or SLA \$1.10 61-18598

Trans. of Akad[emiya] Nauk SSSR. (Doklady) 1960,
v. 135 (no. 1) p. 66-68.

DESCRIPTORS: *Rock, Elasticity, Pressure,
Temperature.

Experiments showed that under effect of uniform pressure the elastic parameters of rocks increase, except the coefficient of Poisson, which changes irregularly. The values of longitudinal wave rates, especially the corrected with discount of temperature effect, coincide satisfactorily with the data from deep seismic sounding.

(Earth Sciences--Geology, TT, v. 6, no. 9)

61-18598

I. Volarovich, M. P.
II. Bayuk, V. I.

20544

TIB

Office of Technical Services

DOKLADY OF THE ACADEMY OF SCIENCES OF THE
USSR, EARTH SCIENCES SECTION, 1960, VOL. 135,
NOS. 1-6, Nov 61, iv.
Order from AGI \$8.00, \$45.00/year

Trans. of Akademiya Nauk SSSR, Doklady, 1960, v. 135,
no. 1, p. 65-[72] 145-[178]; no. 2, p. 298-[307]
391-[437] 443-[444]; no. 3, p. 581-[583] 675-[727];
no. 4, p. 917-[963] 968-[970]; no. 5, p. 1120-[1126]
1191-[1239]; no. 6, p. 1378-[1381] 1453-[1504].

DESCRIPTORS: *Geochemistry, *Geology, *Geophysics,
*Hydrology, *Stratigraphy, *Paleoecology, *Petrology,
*Mineralogy.

(Earth Sciences, TT, v. 9, no. 4)

61-12491-135

1. American Geological Inst.,
Washington, D. C.

Office of Technical Services

Prokhorova, A. A. and Paushkin, Ya. M.
STUDIES IN THE FIELD OF BORON COMPOUNDS:
SYNTHESIS AND PROPERTIES OF THE CYCLO-
PENTADIENYL BORON COMPOUNDS. [1961] 4p.
Order from ATS \$5.65 ATS-01N50R

Trans. of Akademiya Nauk SSSR, Doklady, 1960,
v. 135, no. 1, p. 85-87.

DESCRIPTORS: *Boron compounds, Synthesis,
Properties, Cyclopentadiene.

(Chemistry--Organic, TT, v. 6, no. 7)

61-25183

I. Prokhorova, A. A.
II. Paushkin, Ya. M.
III. Title: Synthesis ...
IV. ATS-01N50R
V. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

TT-64-10173

Toropov, N. A., Nikogosyan, Kh. S., and Bolkova, A. I.

ON THE FORMATION OF THE α -HYDRATE OF
DICALCIUM SILICATE. [1963] 5p (fig omitted) 5refs
Order from OTS, SLA, or ETC \$1.10 TT-64-10173

Trans. of Akad[emiya] Nauk SSSR. Dokl[ady] 1960,
v. 135, no. 1, p. 98-100.

DESCRIPTORS: *Cements, *Silicates, *Calcium com-
pounds, Oxides, *Hydrates, Synthesis (Chemistry).

(Chemistry, TT, v. 11, no. 9)

I. Toropov, N. A.
II. Nikogosyan, Kh. S.
III. Bolkova, A. I.

Office of Technical Services

Akimov, I. A. and Terenin, A. N.
SENSITIZATION OF THE PHOTOEFFECT IN SEMI-
CONDUCTORS BY ORGANIC ACID-BASE INDICA-
TORS AS DYES. [1960] 5p.
Order from ATS \$6.30

ATS-62N48R

Trans. of Akad. [emiyal] Nauk SSSR, Doklady, 1960,
v. 135, no. 1, p. 109-112.

151561

(Physics--Solid State, TT, v. 5, no. 8)

, 61-12779

- I. Semiconductors--
Photosensitivity
1. Akimov, I. A.
- II. Terenin, A. N.
- III. ATS-62N48R
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

CB
ATS/RJ-3020

Office of Technical Services

A Mass-Spectrometric Study of Cesium Halides,
by P. A. Akishin, L. N. Gorokhov, L. N. Sidorov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol X CXXXV,
No 1, 1960, pp 113-116.

CB

Sci

Jul 61

167,432

The Theory of Turbulent Combustion, by
A. N. Voinov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 1, 1960, pp 117-120.

CB

Sci

Jul 61.

167, 434

The Thermal Properties of the Transitional Forms
of Carbon, by V. I. Kasatochkin, V. K. Zamoluyev,
A. T. Kaverov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 1, 1960, pp 121-124.

CB

OTR 63-1/250

Sci

167, 283

Jul 61

7

An Experimental Determination of the Enthalpy
of Corundum (Al_2O_3) From 500 to 2000°, ~~by~~

by V. A. Kirillin, A. E. Sheindlin, V. Ya.
Chekhovskoy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 1, 1960, pp 125-128.

CB

Sci

167,385

Jul 61

The Selective Character of Adsorption as a Function of Sorbent Structure, by V. S. Komarov, N. F. Ermolenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1, 1960, pp 129-132.

CB

Sci

Jul 61

167, 384

The Effect of Vulcanization of Elastomers on
Their Adhesion to Nonvulcanizing Polymers,
by V. G. Raevskiy, S. S. Voyutskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 1, 1960, pp 133-136.

CB

Sci

Jul 61

167,386

Dispersion of Radioisotopes in the Soil By Earthworms
(Lumbricidae), by A. A. Peredel'skiy, S. S. Shain,
N. S. Karavyanskiy, pp. 3.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1968, pp. 185-188.

AIBS

Sci

Sept 61

167.916

Conditions for Formation of Aurantins by Actinomyces
aurantiacus, by M. B. Bitteyeva, (pp. 3).

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp. 189-192.

AIBS

Sci

Sept 61

167, 931

The Role of the Nervous System in Altering Free
Histamine Level of Tissues Following Exposure to
Ionizing Radiation, by E. I. Krichevskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp 193-196.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

158, 410

Nucleotide Composition of the Ribonucleic and
Deoxyribonucleic Acids of Some Autotrophic
Bacteria, by B. F. Vanyushin, A. N. Belozerskiy,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 1, 1960, pp 197-199.

AIBS

Sci

167, 370

Jul 61

Effect of Deoxycholate on Oxidation of Reduced
Diphosphopyridine Nucleotide, L-Malic Acid,
and L-Lactic Acid in Cytoplasmic Membrane of
Micrococcus lysodeikticus, by N. S.
Gel'man, I. G. Zhukova, A. I. Oparin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 1, 1960, pp 200-203.

AISS

Sci

167,372

Jul 61

Application of Histochemical Methods in a Study
of Legitimate and Illegitimate Pollination in
Buckwheat (*Fagopyrum Esculentum* Moench), by E. A.
Zhebrak, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp 204-206.

AIBS

Sci

160, 760

Jul. 61

Some Data Concerning the Structure of Tracheid
Cells in Callus Tissue of Ginkgo Biloba L. by
M. S. Bardinakaya, V. E. Moskaleva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp 207-209.

AIBS

Sci

Jul 61

160,762

The Biological Significance of Variation in
Photosynthetic Products of Plants. by R. G.
Butenko, A. A. Nichiporovich, N. N. Protasova,
3 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp 210-212.

AIBS

Sci

Jul 61

160,763

Photoperiodic Sensitivity of Plants Deprived of
Stems and Roots, by M. Kh. Chaylakhyan, 4 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp 213-216.

AIBS

Sci.

Jul 61

160,765

On Dwarf Males of *P. salvelinus* (Salmonidae), by
K. A. Savvaitova, pp. 4.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No. 1,
1960, pp. 217-220.

AIBS

Sci

Sept 61

167, 946

Neurosecretory Process during Metamorphosis of
Anurans, by A. A. Boitkevich, pp. 4.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, Nos 1,
1960, pp. 221-224.

AINS

Sci

Sept 61

167, 941

Functional Features of Higher Divisions of
Central Nervous System of Adult Rabbits exposed
to Ionizing Radiation in Antenatal Period of
Development, by P. I. Kruglikov, pp. 4.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No. 1,
1960, pp. 225-228.

ATBS

Sci

167,943

Sept 61

Concerning the Functions of the Secondary Dorsal
Organ in the Embryonic Development of
Scutelleridae (Hemiptera, Pentatomidea), by
E. N. Polivanova, pp. 3.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp. 229-232.

AI38

167,920

Sci 61
Sept y

On the Relation between Fat Content of the Roe and
the Morphobiological Peculiarities of Vobla Females,
by Yu. I. Cheprakova, pp. 3.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1962, pp. 233-235.

AIBS

167,919

Sci

Sept 61

Elucidation of the Life Cycle of the Trematode
Apharyngotrigea cornu (Zed., 1800). a Parasite
of Herons, by T. A. Ginetsinskaya, pp. 3.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp. 236-239.

AIBS

Sci

Sept 61

167, 936

(NY-5910)

The Stability of a Single Case of a Spherical
Converging Shock Wave, by R. M. Zaydel',
V. S. Lebedev, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 2, 1960, pp 277-279.

JPRS 9150

Sci - Phys

15-4,403

May 61

(NY-5910)

Towards the Construction of Viscous Fluid
Dynamics, by D. D. Ivlev, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 2, 1960, pp 280-282.

JPRS 9151

Sci - Phys

May 61

154 402

(NY-5910)

Towards a Theory of Anisotropic Turbulence, by
V. G. Nevzglyadov, 11 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 2,
1960, pp 283-286.

JPRS 9152

Sci - Phys

May 60

154,401

The Theory of Cauchy-Poisson Waves at a Sloping
Bank, by B. N. Runyantsev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 2,
1960, pp 287-289.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,317

The Photodisintegration of Ne^{22} , by A. P. Koshar,
Ya. Krzhemenek, I. P. Yavov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 2,
1960, pp 291-293.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,329

*Interall Physics
Physics
Vol V, No 6*

The Mechanism of Wear in Polymers and the
Criterion of Similarity, by S. B. Ratner, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 2,
1960, pp 294-297.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

158, 400

Jun 61

01 L E 5176 1961 1001

On Geomagnetic Observations With the Aid of the
First Soviet Space Rocket, by M. G. Antsilevich,
A. D. Shvachin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIV, No 2,
1960, pp 298-300.

CIA/PTD X-4550

Sci - Space Research
Feb 61

138, 264

(NY 5910).

An Evaluation of the Influence of the Ground Surface Layer on the Precipitation of a Heavy Admixture From the Higher Levels of the Atmosphere With a Wind Varying With Height, by O. S. Berlyand, A. Ya. Pressman,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 2, 11 Nov 1960, pp 301-304.

JPRS

7988

Sci - Geophys

24 Feb 61

146,656

The Problem of a Waveguide in the Earth's Mantle and
Its Physical Nature, by V. A. Magnitakiy, V. V.
Khoroshcheva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 2, 1960,
pp 305-307.

Interntl Physical Index
Physics Express
Vol III, No 6

Sci - Phys

Jun 61

158,763

On the Problem Concerning the Nature of Sigma
Phase, by N. V. Ageyev, V. Sh. Shekhtman, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, 1960,
pp 309-311.

AEC Tr-4556

Sci
Aug 61

163,791

The Nonlinear Thermodynamics of Irreversible Processes, by I. F. Bakhareva, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 2, 1960, pp 350-353.

CB

Sci

Jul 61

167,387

Critical Phenomena Occurring Under the Influence
of Inhibitors in Degenerative Branching Reactions,
by A. B. Gagarina, Z. K. Maizus, N. M. KHM
Emmanuel, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 2, 1960, pp 354-356.

EE

CB

Sci

167,389

Jul 61

Types of Plasticizing of Rigid-Chain Polymers,
by V. A. Kargin, P. V. Kozlov, R. M. Asimova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 2, 1960, pp 357-360.

CB

Sci

Jul 61

TT-64-4-2-
167,388

Kinetic Equations for Nonchain Monomolecular
Radiation - Chemical Reactions, by Yu. A.
Kolbanovskiy, L. S. Polak, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCV,
No 2, 1960, pp 361-364.

CB

Sci

Jul 61

167,390

The Association of Complex Copper Ions in Solution. An Investigation by the Paramagnetic Resonance Method, by A. I. Ribkind, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 2, 1960, pp 365-368.

CB

Sci

Jul 61

167, 391

Modification of a Silver Catalyst by Organic
Halogen Compounds, by Yu. N. Stepanov, L. Ya.
Margolis, S. Z. Roginskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 2, 1960, pp 369-372.

N K K CB

Sci

167,393

Jul 61

The Theory of the Thermalization of "Hot"
Hydrogen Atoms, and Their Influence on the Yield
of Dimeric Product During the Radiolysis
of Alkanes, by A. Ya. Temkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXV,
No 2, 1960, pp 373-376.

CB

Sci

Vol 61

167,392

Ring-Fluorine Chemical Shift in the Nuclear
Magnetic Resonance of Fluorobenzenes With
Fluorinated Substituents, by L. M. Yagupol'-
skiy, V. F. Eystrov, E. Z. Utyanskaya, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXV,
No 2, 1960, pp 377-380.

CB

Sci

Jul 61

167,394

Effect of Alkali and Alkaline Earth Metal
Carbonates on the Reduction of Ferric Oxides
by Means of Graphite, by M.G. Zhuravlev,
G.I. Chufarov.

RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol. 135, No. 2, 1960, pp 385-388.
NZDIA

Sci -
Aug 67

335
~~355~~-299

Development of Chromaffin Elements in the Abdominal
Region of Birds, by N. A. Smitten, L. P.
Malinovskaya, pp. 4.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXV, No. 2,
1960, pp. 445-448.

AHS

Sci.

Sept 61

167, 912

Histochemical Study of Secretory Process in Corpora
Allata of the Chinese Oak Silkworm (*Antheraea pernyi*).
Polysaccharides, by T. G. Belyayeva, (pp. 4).

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXV, No 2,
1960, pp. 449-452.

AIBS

Sci

Sept 61

167,926

Age-Dependent Features in Glands of Mucous Membranes
of Accessory Sinuses of Human Nose, by V. N.
Shalunovich, pp. 4.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, Nos 21-6,
1960, pp. 453-456.
1960

AIBS

Sci

Sept 61

167,928

Age-Induced Changes of Polysaccharides in Skin of
Human Face, by S. M. Shibayeva, L. D. Zharebtsov, ^kpp. 3.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXV, No 2,
1968, pp. 457-459.

AIBS

Sci

Sept 61

167, 927

New Data on the Effect of Streptomycin on the
Effectiveness of Radiation Action on Mammalian Cells,
by W. V. Belitsina, N. I. Shapiro, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 2,
1960, pp 463-466.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

AIBS 158, 411

Primary Products of Absorption of Orthophosphate from
the Medium by *Penicillium Chrysogenum* Q-176 Mycelium,
by I. S. Kulayev, D. N. Ostrovskiy, A. N. Balozerskiy,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 2, 1960, pp 467-470.

AIBS

Sci

Jul 61

167, 371

Effect of γ Radiation From a Co^{60} Source on
D-ery Carbohydrates, by M. A. Khennikh, E. A.
Kuzicheva, V. F. Evdokimov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 2, 1960, pp 471-474.

AIBS

Sci

Jul 61

167,373

Embryogenesis in Diploid and Tetraploid Buckwheat,
by E. A. Zhebrak, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 2,
1961, pp 475-477.

AIBS

Sci

Jul 71

Iron Porphyrin Content of Roots in Relation to
Their Greening Capacity, by B. A. Rubin, V. F.
Germanova-Gavrilenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 2,
1960, pp 478-481.

AIBS

Sci

Jul 61

160,764

On Factors in the Growth of Stems of Long-Day
Rosette Plants, by M. Kh. Chaylakhyan, L. P.
Khlopenkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 2,
1960, pp 482-485.

AIBS

Sci

Jul 61

160, 766

An Electron Microscope Study of Chloroplasts of
Plants With Root Systems Kept at Low Temperatures,
by A. A. Shakhov, B. M. Golobkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 2,
1960, pp 486-488.

AIBS

Sci

Jul 61

160,767

Stimulating Effect of Removal of Continuous Light
Stimulus on Rhythmic Activity of Frog Eye, by
V. B. Val'tsev, (pp. 3).

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 2,
1960, pp. 493-496.

AIBS

Sci

167,942

Sept 61

On the Development of the Shape of the Human Thorax
during the Embryonic Period, by N. V. Popova-
Latkina, pp. 4.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 2,
1960, pp. 497-500.
1960

AIES

Sci

Sept 61

167,921

The Morphology of Amphilinidae (Cestodaria) in
relation to their Position in the system of Flatworms,
by M. N. Dubinina, pp. 3.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 2,
1960, pp. 501-504.

AIBS

Sci

Sept 61

167,935

Expansion of a Reactive Four-Terminal Network Into a
Chain of Simplest Four-Terminal Networks, by M. S.
Livshits, M. Sh. Flekser, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp 542-544.

AIP

Sov Phys - Dok

Vol V, No 6

Sci

Jun 61

156,311

Experimental Investigation of the Limiting Load
Carrying Capacity of Thin Nickel Tubes With
Various Loading Paths by a Tensile Force,
Torsional Moment, and Internal Pressure, by N. Ya.
Mikhailov, Yu. I. Yagn, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp 545-548.

AIP
Sov Phys - Dok
Vol V, No 6

Sci
Jun 61

158, #06

Schwartz's Algorithm in the Stress Problem of the
Theory of Elasticity, by E. N. Nikol'skiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp 549-552.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

158, 407

Forced Convection in a Plane Layer With Axial
Symmetry, by L. I. Rubinshtein, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3
1960, pp 553-556.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,320

Limiting Brightnesses of a Spark Discharge Channel,
by M. P. Vanyukov, A. A. Mak, A. I. Sadykova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp 557-559.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,330

Interpreting the Electron and Vibration Absorption
Spectra for Uranyl Nitrates, by L. V. Volod'ko,
A. N. Sevchenko, D. S. Umreiko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp 560-563.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,332

Decay of Ho^{156} , by E. P. Grigor'yev, B. S.
Dzhelepov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3
1960, pp 564-567.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,331

Relationship Between the Number of π -Electron
and the Character of Magnetic Susceptibility of
a Class of Aromatic Molecules, by T. K.
Rebane, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1
1960, pp 568-570.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,333

Analysis of Some Inelastic 9 Bev p-n Interactions, by
Zh. S. Takibayev, V. A. Botvin, I. Ya. Chasnikov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp 571-572.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

Wear in Friction Surfaces of Different Dimensions, by
V. D. Evdokimov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp 573-576.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

158,401

Some Regularities in the Electrical Properties of
the Borides, Carbides, and Nitrides of the
Transition Metals in Groups IV-VI of the Periodic
Table, by S. N. L'vov, V. F. Nemchenko, G. V.
Samsonov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp 577-580.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

158, 402

Jun 61

The Crystal Structure of Hurlbutite, by V. V.
Belokhin, N. V. Belov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp 587-590.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

155,713

The Formation of a Monocrystalline Granule of
Ice Upon Solidification of a Supercooled Drop
of Water, by N. V. Glik, A. A. Bliseyev, N. M.
Marchenko, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 3, 1960, pp 591-594.

AIP
Sov Phys - Dok
Vol V, No 6

Sci.

Jun 61

155,715

Kabachnik, M. I., Guzhan, Zhun-Yui, and Tsvetkov, Ye. N.

A METHOD OF SYNTHESIS FOR TERTIARY VINYL-
PHOSPHINES AND THEIR OXIDES. 17 Feb 61 [6p.
11 refs.

Order from LC or SLA mi\$1.80, ph\$1.80 61-10866

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1960,
v. 135 [no. 3] p. 605-606.

(Chemistry--Organic, TT, v. 5, no. 10)

61-10866

1. Phosphines--Synthesis
2. Phosphine oxides--
Synthesis
3. Vinyl compounds--
Synthesis

- I. Kabachnik, M. I.
- II. Guzhan, Zhun-Yui
- III. Tsvetkov, Ye. N.

108795

Office of Technical Services

A Thermographic Determination of Small Heat Changes
at Temperatures Below 0° C, by A. G. Anikin,
T. M. Dugacheva, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 3, 1960, pp 634-637.

CB

Sci

Jul. 61

167,395

The Heat Capacity of the Silica Gel - Water
Adsorption System, by G. I. Berezin, A. V.
Kiselev, V. A. Sinitayn, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 3, 1960, pp 638-641.

CB

Sci

Jul 61

167,397

An X-Ray Spectroscopic Study of Titanium Beryllides,
by Ye. E. Vainshtein, E. A. Zhuravskiy, I. B.
Kuznetsov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 3, 1960, pp 642-644.

CB

Sci

Jul 61

167,396

^A
Proton Relaxation in Hydrogen Peroxide Solutions
Exposed to Ultraviolet Radiation, by V. M.
Vdovenko, E. K. Legin, O. B. Stebunov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 3, 1960, pp 645-647.

CB

Sci

Jul 61

167,398

The Electrical Conductance of MnO_2 Semiconductors
in the Course of Catalytic Oxidation of CO, by
Zh. P. Kachanova, V. V. Voevodskiy, A. P. Kik
Purnal, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 3, 1960, pp 648-650.

CB

Sci

Jul 61

167,399

The Influence of Tetraalkylammonium Salts on the
Capacity of the Double Layer in Butyl Alcohol
Solutions, by P. A. Kirkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV,
No 3, 1960, pp 651-654.

CB

Sci

Jul 61

167,401

The Assignment of Electron Configuration Types
in Atoms, by V. M. Klechkovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 3, 1960, pp 655-658.

CB

Sci

Jul 61

167,400

The Saturated Vapor Pressures of Tetrachloro-
alkanes at Low Temperatures, by N. A. Malafeyev,
V. A. Malyusov, N. N. Umnik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 3, 1960, pp 659-662.

CB

Sci

Jul 61

167, 402

A Study of the Effect of Additions of Dispersed Iron
as Active Filler on the Physicochemical Properties
of Polymeric Materials, by A. M. Shirova, L. V.
Pavzner, T. V. Raikova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp 663-666.

CB

Sci

Jul 61

167,403

OTS TT-62-20290 (RUSSIAN & FRENCH)

The Problem of ~~RED~~ Reducing Basicities to a Single
Standard State. An Investigation of the Basicity
of Acetone, by Yu. L. Khaldna, V. A. Pal'm,
6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 3,
1960, pp 667-670.

CB

Sci

167,405

Jul 61

Radchenko, G. A. and Koperina, V. V.
THERMAL ANALYSIS APPLICATION TO THE
STUDY OF ORGANIC SUBSTANCES DISPERSED IN
ROCKS. [1961] 5p. 8 refs.
Order from OTS or SLA \$1.10 61-18604

Trans. of Akad[emiya] Nauk SSSR. (Doklady, 1960,
v. 135, no. 3, p. 713-716.

DESCRIPTORS: *Rock. *Organic Materials, Analysis.

(Earth Sciences--Geology, TT, v. 6, no. 9)

61-18604

I. Radchenko, G. A..
II. Koperina, V. V.

105447

Office of Technical Services

Histochemical and Biochemical Determination of
Levartarnol in the Adrenal Glands of Black and White
Rats, by N. A. Smitten, pp. 4.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp. 728-731.

AIBS

Sci

Sept 61

167,912

On the Death Rate of Several Fresh-Water and Marine
Invertebrates in Brackish Water of Different
Concentrations, by V. V. Khlebovich, pp. 3.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp. 732-735.

AIBS

Sci

Sept 61

167,915